

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	09/881,502-Conf. #7769	
			Filing Date	June 14, 2001	
			First Named Inventor	Eric J. Horvitz	
			Art Unit	2174	
			Examiner Name	P. Ke	
Sheet	1	of	9	Attorney Docket Number	M1103.70793US00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1*	US-D494,584	08-17-2004	Schlieffers et al.	
	A2*	US-7,385,501	06-10-2008	Miller et al.	
	A3*	US-7,209,955	04-24-2007	Major et al.	
	A4*	US-7,195,157	03-27-2007	Swartz et al.	
	A5*	US-7,171,378	01-30-2007	Petrovich et al.	
	A6*	US-7,155,729	12-26-2006	Andrew et al.	
	A7*	US-7,139,718	11-21-2006	Jeyachandran et al.	
	A8*	US-7,073,129	07-04-2006	Roberts et al.	
	A9*	US-7,069,309	06-27-2006	Dodrill et al.	
	A10*	US-7,063,263	06-20-2006	Swartz et al.	
	A11*	US-7,040,541	05-09-2006	Swartz et al.	
	A12*	US-7,016,944	03-21-2006	Meyer et al.	
	A13*	US-7,010,501	03-07-2006	Roslak et al.	
	A14*	US-6,965,917	11-15-2005	Aloni et al.	
	A15*	US-6,837,436	01-04-2005	Swartz et al.	
	A16*	US-6,829,639	12-07-2004	Lawson et al.	
	A17*	US-6,796,505	09-28-2004	Pellamail et al.	
	A18*	US-6,781,972	08-24-2004	Anderlind et al.	
	A19*	US-6,757,362	06-29-2004	Cooper et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁴
		Country Code ² -Number ³ -Kind Code ² (if known)	MM-DD-YYYY			
	B1	EP-0375138-A2	06-27-1990	Ibm		
	B2	EP-0905633-A2	03-31-1999	Sharp Kk		
	B3	EP-1022670-A2	07-26-2000	Pitney Bowes Ltd		
	B4	GB-2353679-A	02-28-2001	Ibm		
	B5	WO-0051040-A1	08-31-2000	Koninkl Kpn Nv et al.		
	B6	WO-0101264-A1	01-04-2001	Cellmania Com Inc		

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	A20*	US-6,741,188	05-25-2004	Miller et al.	
	A21*	US-6,714,967	03-30-2004	Horvitz	
	A22*	US-6,672,506	01-06-2004	Swartz et al.	
	A23*	US-6,650,902	11-18-2003	Richton	
	A24*	US-6,622,160	09-16-2003	Horvitz	
	A25*	US-6,618,716	09-09-2003	Horvitz	
	A26*	US-6,593,943	07-15-2003	MacPhail	
	A27*	US-6,591,279	07-08-2003	Emens et al.	
	A28*	US-6,590,587	07-08-2003	Wichelman et al.	
	A29*	US-6,584,502	06-24-2003	Natarajan et al.	
	A30*	US-6,577,329	06-10-2003	Flickner et al.	
	A31*	US-6,563,514	05-13-2003	Samar	
	A32*	US-6,549,219	04-15-2003	Selker	
	A33*	US-6,542,868	04-01-2003	Badt et al.	
	A34*	US-6,499,021	12-24-2002	Abu-Hakima	
	A35*	US-6,480,207	11-12-2002	Bates et al.	
	A36*	US-6,463,471	10-08-2002	Dreke et al.	
	A37*	US-6,463,462	10-08-2002	Smith et al.	
	A38*	US-6,459,440	10-01-2002	Monnes et al.	

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		Country Code*	Number*Kind Code* (if known)				
	B7	WO-	0109753-A2	02-08-2001	Microsoft Corp		
	B8	WO-	0158119-A2	08-09-2001	Envoy Worldwide Inc		
	B9	WO-	0169532-A1	09-20-2001	Gen Electric		
	B10	WO-	9800787-A1	01-08-1998	Datalink Systems Corp		

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	A39*	US-6,456,307	09-24-2002	Bates et al.	
	A40*	US-6,438,618	08-20-2002	Lortz et al.	
	A41*	US-6,437,812	08-20-2002	Giles et al.	
	A42*	US-6,425,127	07-23-2002	Bates et al.	
	A43*	US-6,400,810	06-04-2002	Skladman et al.	
	A44*	US-6,374,289	04-16-2002	Delaney et al.	
	A45*	US-6,360,101	03-19-2002	Irvin	
	A46*	US-6,353,398	03-05-2002	Amin et al.	
	A47*	US-6,342,908	01-29-2002	Bates et al.	
	A48*	US-6,337,699	01-08-2002	Nielsen	
	A49*	US-6,332,127	12-18-2001	Bandera et al.	
	A50*	US-6,327,581	12-04-2001	Platt	
	A51*	US-6,289,380	09-11-2001	Battat et al.	
	A52*	US-6,262,730	07-17-2001	Horvitz et al.	
	A53*	US-6,256,664	07-03-2001	Donoho et al.	
	A54*	US-6,199,106	03-06-2001	Shaw et al.	
	A55*	US-6,167,448	12-26-2000	Hemphill et al.	
	A56*	US-6,144,363	11-07-2000	Alloul et al.	
	A57*	US-6,094,681	07-25-2000	Shaffer et al.	

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	A58*	US-6,078,568	06-20-2000	Wright et al.	
	A59*	US-6,078,322	06-20-2000	Simonoff et al.	
	A60*	US-6,067,565	05-23-2000	Horvitz	
	A61*	US-6,067,477	05-23-2000	Wewalaarachchi et al.	
	A62*	US-6,057,842	05-02-2000	Knowlton et al.	
	A63*	US-6,055,505	04-25-2000	Elston	
	A64*	US-6,021,403	02-01-2000	Horvitz et al.	
	A65*	US-5,987,234	11-16-1999	Hirosawa et al.	
	A66*	US-5,973,612	10-26-1999	Deo et al.	
	A67*	US-5,864,848	01-26-1999	Horvitz et al.	
	A68*	US-5,859,640	01-12-1999	de Judicibus	
	A69*	US-5,852,440	12-22-1998	Grossman et al.	
	A70*	US-5,784,124	07-21-1998	D'Alitalia et al.	
	A71*	US-5,757,852	05-26-1998	Jericevic et al.	
	A72*	US-5,751,965	05-12-1998	Mayo et al.	
	A73*	US-5,742,905	04-21-1998	Pepe et al.	
	A74*	US-5,736,974	04-07-1998	Selker	
	A75*	US-5,717,877	02-10-1998	Orton et al.	
	A76*	US-5,644,363	07-01-1997	Mead	

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	A77*	US-5,615,325	03-25-1997	Peden	
	A78*	US-5,555,346	09-10-1996	Gross et al.	
	A79*	US-5,471,399	11-28-1995	Tanaka et al.	
	A80*	US-5,423,043	06-06-1995	Fitzpatrick et al.	
	A81*	US-4,789,962	12-06-1988	Berry et al.	
	A82*	US-2008-0161018	07-03-2008	Miller et al.	
	A83*	US-2008-0091537	04-17-2008	Miller et al.	
	A84*	US-2008-0090591	04-17-2008	Miller et al.	
	A85*	US-2007-0214228	03-13-2007	Horvitz et al.	
	A86*	US-2007-0011314	01-11-2007	Horvitz et al.	
	A87*	US-2006-0019676	01-26-2006	Miller et al.	
	A88*	US-2005-0272442	12-08-2005	Miller et al.	
	A89*	US-2005-0266858	12-01-2005	Miller et al.	
	A90*	US-2005-0050143	03-03-2005	Gusler et al.	
	A91*	US-2004-0201500	10-14-2004	Miller et al.	
	A92*	US-2004-0199663	10-07-2004	Horvitz et al.	
	A93*	US-2004-0143636	07-22-2004	Horvitz et al.	
	A94*	US-2004-0117443	06-17-2004	Barness	
	A95*	US-2004-0098462	05-20-2004	Horvitz et al.	

FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS							
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	C1	BREESE et al., "Empirical analysis of predictive algorithms for collaborative filtering", Proceedings of the 14th Conference on Uncertainty in AI, 1998 pg. 43-52, AUAI, Morgan Kaufmann, San Francisco					
	C2	CZERWINSKI et al., "Visualizing implicit queries for information management and retrieval", Proceedings of CHI'99, ACM SIGCHI Conf on Informational and Knowledge Management, 1999, pg. 560-567					
	C3	DUMAIS et al., "Inductive learning algorithms and representations for text categorization", Proceedings of 7th Intl Conf on Information and Knowledge Management, 1998, pgs148-155					
	C4	EP Search Report dated June 20, 2005 for EP 02025530					
	C5	HORVITZ et al., "Display of Information for time-critical decision making" Proceedings of the 11th Conference on uncertainty in AI, 1995, pg. 296-305, Montreal, Canada					
	C6	HORVITZ et al., "The Lumiere project: Bayesian user modeling for inferring the goals and needs of software users", Proceedings of the 14th conference on uncertainty in AI, 1998, pg. 256-265, Morgan Kaufmann, San Francisco					
	C7	HORVITZ, "Principles of mixed-initiative user interfaces" Proceedings of CHI'99, ACM SIGCHI Conf on Human Factors in Computing Systems, 1999, pgs. 159-166, Pittsburgh, PA					
	C8	HORVITZ, "Time dependant utility and action under uncertainty", Proceedings of the 7th Conference on Uncertainty in AI, LA, CA, 1991 pgs. 151-158, Morgan Kaufmann, San Francisco					
	C9	HORVITZ, "Time-critical action: Representations and Application", Proceedings of the 13th Conference on Uncertainty in AI (UAI-97), 1997, pgs.250-257, Providence, RI, Morgan Kaufmann, San Francisco					
	C10	International Search Report dated September 29, 2003 for International Application Serial No. PCT/US00/20685					
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	C11	JOACHIMS, "Text categorization with support vector machines: learning with many relevant features", Machine Learning, European Conference on Machine Learning, April 21, 1998, pp. 137-142	
	C12	KALAKOTA et al., "Mobile Agents and Mobile Workers", Proceedings of the European Conference on Machine Learning, April 21, 1998, pp. 137-142, Germany	
	C13	KOLLER et al., "Toward optimal feature selection", Proceedings of 13th conference on machine learning, 1998, pg. 284-293, Morgan Kaufmann, San Francisco	
	C14	KOZIEROK et al., "A Learning Interface Agent for Scheduled Meetings", february 2003, pp. 81-93	
	C15	LASHKARI et al., "Collaborative Interface Agents", Proceedings AAAI, National Conference on Artificial Intelligence, July 21, 1994, vol. 1, pp. 444-449	
	C16	LEE et al., "Learning and Predicting User Behavior for Particular Resource Use", Proceedings of the Florida Artificial Intelligence Research Symposium, May 21, 2001, pp. 177-181	
	C17	LEIBERMAN, "Letizia: An Agent that assists web browsing", Proceedings of IJCAI-95, 1995, 6 pgs, Montreal, Canada, Morgan Kaufmann, San Francisco	
	C18	LOKE et al., "Location-Based Personal Agents: A Metaphor for Situated Computing", Parallel Processing, 2000 International Workshops, August 21, 2000, pp. 17-19	
	C19	MACSKASSY et al., "EmailValet: Learning Email Preferences for Wireless Platforms", Rutgers University, user Modeling 1999 Workshop - Machine Learning for User Modeling, June 3, 1999, 4 pgs	
	C20	MCCRICKARD et al., "Attuning Notification Design to User Goals and Attention Costs" Communications of the ACM, ol. 46 Issue 3, pp. 67-72, 2003	

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	C21	Partial European Search Report dated March 17, 2005 for EP Application No. 02025530, 3 pages	
	C22	PLATT, "Fast Training of Support Vector Machines Using Sequential Minimal Optimization", Advances in Kernel Methods, Support Vector Learning, 1999 pg. 41-65, MIT Press, Cambridge, MA.	
	C23	SAHAMI et al., "A Bayesian approach to filtering junk email" Workshop on learning for text categorizations, 1998, 8 pgs, AAI technical Report WS-98-05, AAAI	
	C24	SHELL et al., "Interacting with Groups of Computers", Communications of the ACM, Vol 46 Issue 3, pp. 40-46, 2003	
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	C26	VERTEGAAL, "Designing Attentive Interfaces", Proceedings of the Symposium on ETRA 2002: Eye tracking research and applications symposium, pp. 23-30, 2002.	

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